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(FILE 'HOME' ENTERED AT 10:25:34 ON 21 MAY 2003)

FILE 'CAPLUS, CAOLD, MEDLINE, BIOSIS' ENTERED AT 10:26:52 ON 21 MAY 2003  
E SCHWERTNER HARVEY A/AU

L1 46 S E2-E3  
L2 10 S L1 AND BILIRUBIN  
L3 8 DUP REMOV L2 (2 DUPLICATES REMOVED)  
E FISCHER JOSEPH R/AU  
L4 7 S E3-E4  
L5 1 S L4 AND BILIRUBIN  
L6 0 S L5 NOT L3  
L7 105635 S RHEUMATOID ARTHRITIS  
L8 82 S L7 AND BILIRUBIN  
L9 50 S L8 AND SERUM  
L10 17 S L9 AND (RISK OR DIAGNOS?)  
L11 12 DUP REMOV L10 (5 DUPLICATES REMOVED)  
L12 1 S L7 AND SERUM TOTAL BILIRUBIN  
L13 10 S L7 AND SERUM BILIRUBIN  
L14 6 DUP REMOV L13 (4 DUPLICATES REMOVED)  
L15 4 S L14 NOT L11  
L16 95 S L7 AND (CORONARY HEART DISEASE OR CHD)  
L17 39 S L16 AND (RISK OR DIAGNOS?)  
L18 0 S L17 AND BILIRUBIN  
L19 24 DUP REMOV L17 (15 DUPLICATES REMOVED)

=>

19 ANSWER 19 OF 24 MEDLINE  
AN 88270652 MEDLINE  
DN 88270652 PubMed ID: 3390902  
TI Serum total, HDL, LDL cholesterol, and triglyceride levels in patients  
with **rheumatoid arthritis**.  
AU Lakatos J; Harsagyi A  
CS United Sanitary Institutions, Pecs, Hungary.  
SO CLINICAL BIOCHEMISTRY, (1988 Apr) 21 (2) 93-6.  
Journal code: 0133660. ISSN: 0009-9120.  
CY Canada  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198808  
ED Entered STN: 19900308  
Last Updated on STN: 19900308  
Entered Medline: 19880818

AB Patients with **rheumatoid arthritis** are at **risk**  
of increased prevalence of **coronary heart**  
**disease**. In general, the plasma level of high density lipoprotein  
cholesterol (HDL) correlates with the **risk** of incidence of  
ischemic heart disease. The levels of total, HDL, low density (LDL)  
cholesterol, and triglycerides were measured in sera of patients with  
**rheumatoid arthritis** and in healthy controls. In  
patients with **rheumatoid arthritis** (26 men and 103  
women), the serum total and LDL cholesterol were higher, whereas the HDL  
cholesterol and triglycerides were lower (p less than 0.001) compared to  
the values observed in controls (625 men and 749 women). Similar patterns  
were seen when results of age and sex matched controls were compared to  
the results of patients suffering from **rheumatoid**  
**arthritis**. The lipid parameters of patients with  
**rheumatoid arthritis** were not different when the  
patients were treated with steroidal or nonsteroidal anti-inflammatory  
drugs.

Q P 501. C5  
biochem lit.

L19 ANSWER 13 OF 24 MEDLINE  
 AN 96194184 MEDLINE  
 DN 96194184 PubMed ID: 8620301  
 TI Serum cholesterol and **risk of rheumatoid arthritis** in a cohort of 52 800 men and women.  
 AU Heliovaara M; Aho K; Knekt P; Reunanen A; Aromaa A  
 CS National Public Health Institute, Helsinki, Finland.  
 SO BRITISH JOURNAL OF RHEUMATOLOGY, (1996 Mar) 35 (3) 255-7.  
 Journal code: 8302415. ISSN: 0263-7103.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 199606  
 ED Entered STN: 19960627  
 Last Updated on STN: 19960627  
 Entered Medline: 19960620  
 AB Recent epidemiological studies have suggested that joint **risk** factors occur for **rheumatoid arthritis** (RA) and **coronary heart disease**. We studied serum cholesterol concentration for its association with the incidence of RA in 28 362 men and 24 444 women free from arthritis at baseline. During a mean follow-up of 21 yr, 161 men and 351 women developed RA. Of these incident cases, 119 men and 229 women were rheumatoid factor (RF) positive. The serum cholesterol concentration was directly proportional to the **risk** of RF-positive RA among women and RF-negative RA among men; the age-adjusted relative risks (95% confidence intervals) per S.D. (1.4 mM/l) of the cholesterol distribution were 1.20 (1.05-1.38) and 1.56 (1.15-2.10), respectively. No association was observed, however, for RF-negative RA among women or RF-positive RA among men. The results suggest that a still unknown factor closely associated with serum cholesterol may be involved in the aetiology of RA, but complex interactions with sex and RF status seem to occur.

DUPLICATE 7

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 1956:21071 CAPLUS

DN 50:21071

OREF 50:4357f-h

TI Anemia in **rheumatoid arthritis**

AU Duthie, J. J. R.

CS Northern General Hosp., Edinburgh, UK

SO Proc. Roy. Soc. Med. (1956), 49, 27-30

DT Journal

LA Unavailable

AB Fe in the serum of 35 normal men and 35 normal women averaged  $181 \pm 25$  and  $135 \pm 21$   $\gamma\%$ , resp., while the av. for 21 male and 46 female **rheumatoid arthritis** patients was  $113 \pm 30$  and  $100 \pm 26$ , resp. The total Fe-binding capacity in 42 patients was normal. Intravenous injections of 200 mg. Fe saccharate was cleared within 24 hrs. in 17 patients but 72 hrs. were required for clearance in 7 normal controls. **Serum bilirubin** (I) of the controls but not of the patients was increased. No difference in responses to injection of a dextran-Fe complex (II) was seen in 7 controls and 17 patients but the clearance time was increased. Serum I did not change after II. No stainable Fe was found in the bone marrow of 4 of 20 male and 11 of 29 female patients. No relation between the amt. of Fe in the marrow and in the plasma was found. The abnormal Fe metabolism does not appear to be directly or wholly connected with the anemia but some relationship exists.

| L Number | Hits  | Search Text   | DB       | Time stamp |
|----------|-------|---|----------|------------|
| 1        | 4     | schwertner-harvey-a-.in.  | USPAT;   | 2003/05/21 |
| 2        | 0     | fischer-joseph-r-.in.   | US-PGPUB | 11:30      |
| 3        | 0     | fischer-joseph-r-jr-.in.  | USPAT;   | 2003/05/21 |
| 4        | 0     | fischer-joseph-r-jr-.in.  | US-PGPUB | 11:30      |
| 5        | 10    | fischer-joseph-\$.in.   | USPAT;   | 2003/05/21 |
| 6        | 17735 | rheumatoid adj arthritis  | US-PGPUB | 11:30      |
| 7        | 9     | (rheumatoid adj arthritis) same bilirubin   | USPAT;   | 2003/05/21 |
| 8        | 2364  | (rheumatoid adj arthritis) same (risk or diagnos\$3)                                      | US-PGPUB | 11:31      |
| 9        | 76    | ((rheumatoid adj arthritis) same (risk or diagnos\$3)) and bilirubin                      | USPAT;   | 2003/05/21 |
| 10       | 579   | (rheumatoid adj arthritis) near5 (risk or diagnos\$3)                                     | US-PGPUB | 11:35      |
| 11       | 0     | ((rheumatoid adj arthritis) near5 (risk or diagnos\$3)) same bilirubin                    | USPAT;   | 2003/05/21 |
| 12       | 31    | ((rheumatoid adj arthritis) near5 (risk or diagnos\$3)) and bilirubin                     | US-PGPUB | 11:36      |
| 13       | 121   | (rheumatoid adj arthritis).ti.  | USPAT;   | 2003/05/21 |
| 14       | 2     | ((rheumatoid adj arthritis).ti.) and bilirubin  | US-PGPUB | 11:44      |
| 15       | 1     | (rheumatoid adj arthritis) near10   | USPAT;   | 2003/05/21 |
| 16       | 62    | ((coronary adj heart) or CHD)   | US-PGPUB | 11:44      |
| 17       | 16    | ((rheumatoid adj arthritis) same ((coronary adj heart) or CHD)) same (risk or diagnos\$3) | USPAT;   | 2003/05/21 |
|          |       |   | US-PGPUB | 11:45      |
|          |       |   | USPAT;   | 2003/05/21 |
|          |       |   | US-PGPUB | 11:45      |
|          |       |   | USPAT;   | 2003/05/21 |
|          |       |   | US-PGPUB | 11:46      |

# WEST Search History

DATE: Wednesday, May 21, 2003

| <u>Set Name</u>                                     | <u>Query</u>                            | <u>Hit</u><br><u>Count</u> | <u>Set</u><br><u>Name</u><br>result set |
|---|---|----------------------------|---|
| <i>DB=JPAB,EPAB,DWPI,TDBD;<br/>PLUR=YES; OP=ADJ</i> |   |                            |   |
| L9  | L8 not l5                               | 1                          | L9                                      |
| L8  | arthritis and bilirubin                 | 5                          | L8                                      |
| L7  | L6 and (risk or diagnos\$3)             | 21                         | L7                                      |
| L6  | l4 and ((coronary adj heart)<br>or CHD) | 73                         | L6                                      |
| L5  | L4 and bilirubin                        | 4                          | L5                                      |
| L4  | rheumatoid adj arthritis                | 12494                      | L4                                      |
| L3  | L2 and bilirubin                        | 0                          | L3                                      |
| L2  | fischer-j-\$.in.                        | 208                        | L2                                      |
| L1  | schwertner-h-\$.in.                     | 4                          | L1                                      |

END OF SEARCH HISTORY